

This listing of claims will replace all prior versions and listings of the claims in the application:

**Listing of the Claims:**

1. (Original) An isolated antimicrobial peptide isolated from a mast cell.
2. (Original) A peptide according to claim 1, wherein said mast cell is a fish mast cell.
3. (Original) A peptide according to claim 1, wherein said mast cell is a mammalian mast cell.
4. (Original) A peptide according to claim 1 selected from the group consisting of peptides having an amino acid sequence selected from the group consisting of:

**SEQ ID NO: 1;**  
**SEQ ID NO: 2;** and  
**SEQ ID NO: 3.**
5. (Original) A method of isolating an antimicrobial peptide, comprising the steps of:

*(a)* providing mast cells;  
*(b)* detecting a peptide having antimicrobial activity in said mast cells; and  
*(c)* isolating said detected peptide.
6. (Original) A method according to claim 5, wherein said mast cells are fish mast cells.
7. (Original) The method according to claim 5, wherein said mast cells are mammalian mast cells.

8. (Original) The method according to claim 5, wherein said providing step is carried out by collecting tissue containing mast cells.

9. (Original) The method according to claim 5, wherein said detecting step is carried out by extracting peptides from said mast cells and screening said extracted peptides for antimicrobial activity.

10. (Original) A pharmaceutical formulation comprising a peptide according to claim 1 in a pharmaceutically acceptable carrier.

11-18 (Cancelled)

19. (Original) A pharmaceutical formulation comprising a peptide according to claim 9 in a pharmaceutically acceptable carrier.

20-27. (Cancelled)